



So real you'll want to touch it.



Programmable Display GT Series ARCT1B279E '06.12

New

All LCD pictures in this catalog are simulated images.

Feel the sophisticated operability through the touch panel.



GT32M/GT32T Actual size

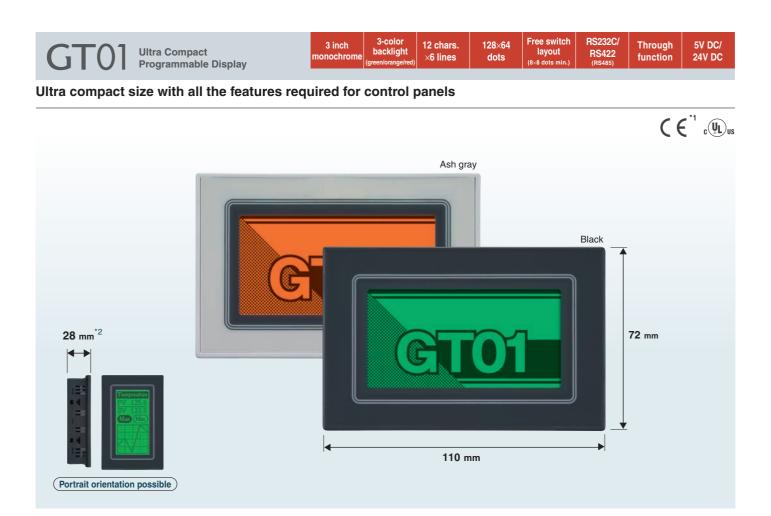


Lineup of a variety of color types



Functions

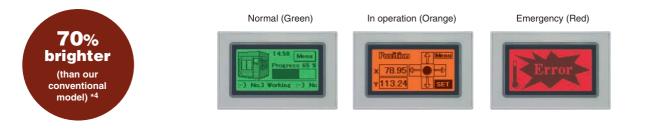
		GT01	GT01R	GT11	GT21C	GT32M	GT32T0	GT32T1 (High-end)
	Rated voltage	5V DC/ 24V DC	5V DC/ 24V DC	24V DC	24V DC	24V DC	24V	DC
	Screen size	3 inch	3 inch	4 inch	5 inch	6 inch	6 ir	nch
	Display device	STN monochrome LCD	STN monochrome LCD	STN monochrome LCD	STN color LCD	STN monochrome LCD	TFT co	lor LCD
ay	Display color	2 colors (black/white)	2 colors (black/white)	2 colors (black/white)	256 colors	2 colors (blue/white)	4,096	colors
ildsi	Resolution	128 (W)×64 (H) dots	128 (W)×64 (H) dots	240 (W)×96 (H) dots	320 (W)×240 (H) dots	320 (W)×240 (H) dots	320 (W)×2	40 (H) dots
Δ	Backlight	3-color LED (green/orange/red)	3-color LED (white/red/pink)	3-color LED (green/orange/red)/ White LED	White LED	CFL	CI	FL
	Displayable characters	72 characters	72 characters	216 characters	768 characters	768 characters	768 cha	aracters
	Memory capacity (F-ROM)	384 Kbyte	384 Kbyte	1.375 Mbyte	6.5 Mbyte	2,048 Kbyte	10,176	6 Kbyte
ce	Serial port	RS232C / RS422 (RS485)	RS232C / RS422 (RS485)	RS232C / RS422 (RS485)	RS232C / RS422 (RS485)	RS232C / RS422 (RS485)	RS232C / RS	6422 (RS485)
terfa	USB port	_	_	_	_	0	0	0
al ii	Ethernet	—	_	_	_	_	_	0
erné	SD memory card	_	_	_	_	0	0	0
EXt	Sound output jack	—	—	—	—	—	—	0



A variety of expressions clearly displayed in three colors

The highly visible three-color backlight shows the equipment status and enhances the equipment style.

The bright and easy-to-read LCD indicates messages, graphics, switches, lamps, PLC data, graphs, clocks^{*3}, and others in any layout you want. In addition, three backlight colors can be selected according to the equipment status. This allows you to identify the status at a glance.



Cost and space saving (GT01/GT01R)

GT01 is a shortcut to cost reduction.

Eliminates the need for arranging many parts, securing a stock of parts, and wiring each switch.

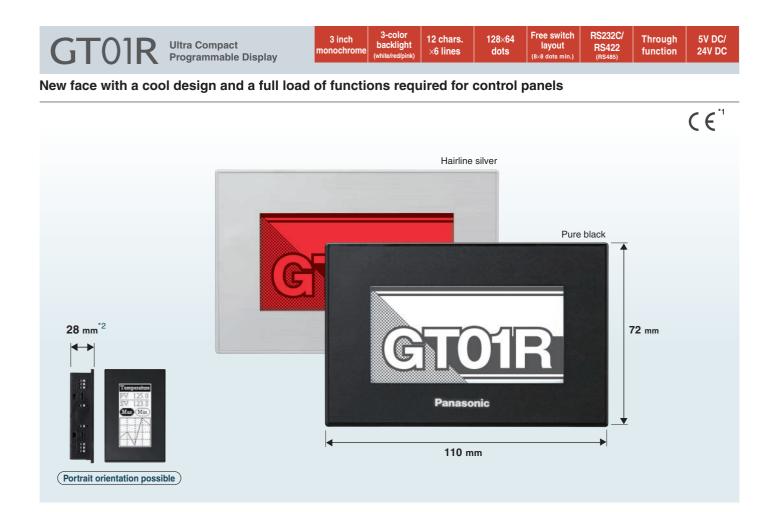


Improves the design and operability

Easy to change the settings by model and user

There are two types of power supplies (5 V DC/24 V DC) and two types of communication [RS232C/RS422 (RS485)]. Connection with PLCs of a variety of manufacturers is possible. (Please refer to the compatible PLC list.)

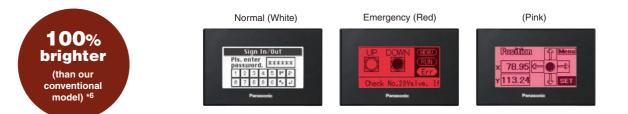
The 24 V RS422 type can be connected at a maximum distance of 500m.



High-contrast clear display achieved by the red and white backlight

Screens can be displayed in white, red, or pink. Under normal conditions, the high-brightness white LED provides outstanding visibility.
The red LED allows you to check the status of chaptering conditions at a global.

The red LED allows you to check the status of abnormal conditions at a glance.



Can be mounted in small spaces.

The ultra-thin body with a depth of only 24 mm $^{\star 2}$ fits in any space.

Can be mounted in any small space. The space saving control panel contributes to total cost reduction.



- *1: CE marking is not available to AIGT0032B1(H1), AIGT0232B1(H1). *2: When the panel thickness is 5 mm, the screw head of the mounting
- bracket protrudes 4 mm. *3: Refers to and displays external clock data. (Not provided with a built-in clock function.)
- The panel face protection sheet for GT01/GT01R is available as an option.
- *5: Compared with our products. Not guaranteed in all

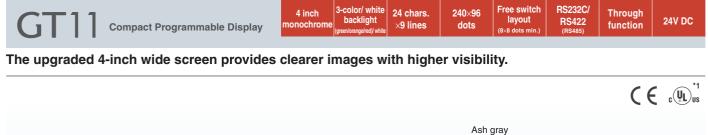
*4: Compared with GT10.

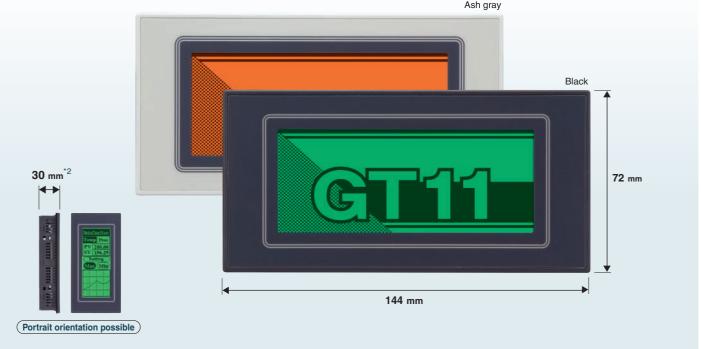
- cases. *6: Compared with GT01 White LED backlight.
- For other features, please refer to GT01/GT01R/GT11 Common Features.

Only one cable is required to connect your GT directly to our **FP series** or Mitsubishi Electric **FX series**, substantially reducing the man-hours for wiring. (5 V DC type)

Only one cable is required because power is supplied through the TOOL port of the PLC.

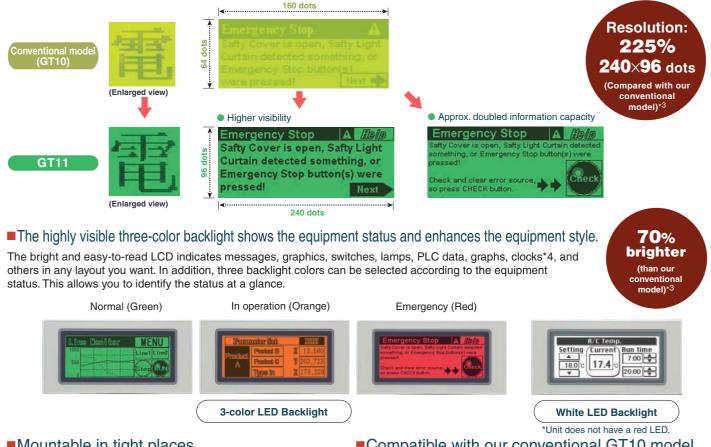
For precautions for connection, please refer to "Connecting and Communicating with the PLCs" in GT Series Technical Manual, which can be downloaded from our website. (User registration is required.)





4-inch wide screen high-definition LCD

The 4-inch wide screen consists of a high-definition LCD, which increases the information capacity.



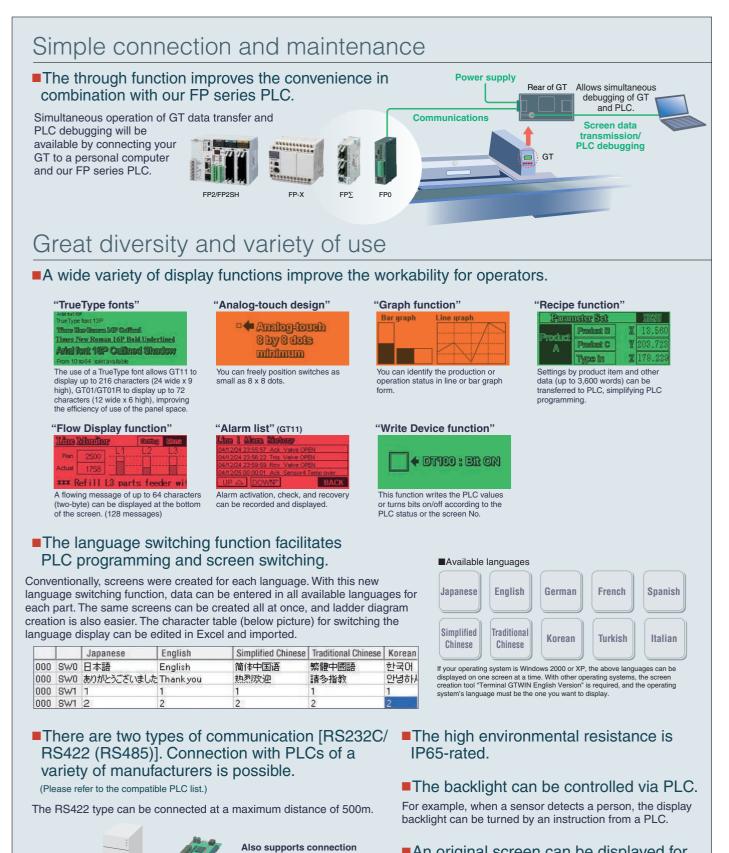
Mountable in tight places

Costs can be reduced by using this model instead of a mid-size display.

Compatible with our conventional GT10 model

Exchangeable since the panel cut dimensions are identical, and screen data exchange is also possible. *5

GT01/GT01R/GT11



An original screen can be displayed for a specified period of time after startup.

The use of high-brightness LEDs eliminated backlight replacement work.

with a PLC of another company

or a microprocessor board.

*1: UL/cUL is not available to white LED backlight type.

Other company's

PI C

*2: When the panel thickness is 5 mm, the screw head of the mounting

Microprocessor

board

bracket protrudes 4 mm.

*3: Compared with GT10.

- *4: To use the internal clock function, buy a commercially available battery (CR2032).
 - *5: The mounting bracket and connector shape are different. When converting the screen data, the font size will not be automatically converted.
 - The panel face protection sheet for GT11 is available as an option.



The 5-inch STN 256-color touch panel displays clear and beautiful images.



Beautiful

Beautiful images, Top quality images in small-sized panels

The new 3D-design buttons provide higher visibility and operability.



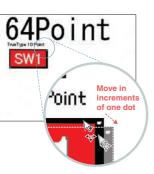
Cool and sophisticated body design

- The cool design fits a variety of installation locations without spoiling the design of the target equipment.
- The projection from the target equipment surface is as low as 4 mm, allowing for a beautiful finish.
- The total depth is the industry's lowest at 29.9 mm (excluding the projection).

Simple

High operability achieved by the customizable screen layout

- The analog-touch design allows you to freely adjust the screen layout in increments of one dot. You can also freely choose
- TrueType font character sizes and arrangement



Useful

Maintenance-free white LED backlight

4mm

- The use of the white LED backlight eliminated backlight replacement work.
- Environmentally friendly lower power consumption design
- Lower power consumption of 4.8 W or less: Approx. 50% of our conventional model (GT30)

5-inch STN 256 colors QVGA

The image quality is equivalent to the 6-inch type display, which it can replace.



Simple connection and maintenance



Great diversity and variety of use

The 5-inch screen provides a wide variety of display functions that improve the workability for operators.

"TrueType fonts"

New Roman 20P Shade ie Type Fant 24P Outlined 28P Bold Underlined es New Roman 32P Itali **40P** Outline

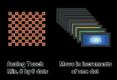
With the TrueType fonts, the screen can display up to 768 characters at a time (32 chars, x 24 lines) and therefore be used effectively.

"Flow Display function" **Operation Panel** 4 4 1



A flowing message of up to 64 characters (two-byte) can be displayed at the bottom of the screen. (128 messages)

"Analog-touch design"



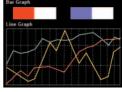
You can freely position switches as small as 8 x 8 dots.

"Alarm list"



Alarm activation, check, and recovery can be recorded and displayed.

"Graph function"



You can identify the production or operation status in line or bar graph form.

"Write Device function"



or turns bits on/off according to the PLC status or the screen No

"Recipe function" arameter Setting



Settings by product item and other data (up to 3,600 words) can be transferred to PLC, simplifying PLC programming.

The language switching function facilitates PLC programming and screen switching.

Conventionally, screens were created for each language. With this new language switching function, data can be entered in all available languages for each part. The same screens can be created all at once, and ladder diagram creation is also easier. The character table (below picture) for switching the language display can be edited in Excel and imported.

		Japanese	English	Simplified Chinese	Traditional Chinese	Korean
000	SW0	日本語	English	简体中国语	繁體中國語	한국머
000	SW0	ありがとうございました	Thank you	热烈欢迎	請多指教	안녕하/
000	SW1	٦	1	1	1	1
000	SW1	2	2	2	2	2

There are two types of communication [RS232C/ The high environmental resistance is RS422 (RS485)]. Connection with PLCs of a variety of manufacturers is possible.

(Please refer to the compatible PLC list.)

The 24-V RS422 type can be connected at a maximum distance of 500m.

*1: Note that the COM port connector projects 7 mm. Also take the cable diameter into account.

• The panel face protection sheet for GT21C is available as an option.



If your operating system is Windows 2000 or XP, the above languages can be displayed on one screen at a time. With other operating systems, the screen creation tool "Terminal GTWIN English Version" is required, and the operating system's language must be the one you want to display.

IP65-rated.

An original screen can be displayed for a specified period of time after startup.

[•] To use the internal clock function, buy a commercially available battery (CR2032).



The industry's smallest size in the 5-inch class, and 39.1-mm thin and cool body design (GT32M/GT32T)

Large display with space-saving outer dimensions of 163.2 x 128.8 x 39.1 mm

SD memory card slot as standard equipment (1 GB max) (GT32M/GT32T) Easy to copy screen data. Also serves as storage for output sound Slot for SD memory card files. **USB** port USB interface as standard equipment (GT32M/GT32T) Ethernet port You can connect your PC and GT32 using your USB cable*² to (GT32T1) transfer screen data. Sound output jack Also supports the "through" function for our FP series PLC. (GT32T1)

Transformer-isolated power supply (GT32M/GT32T)

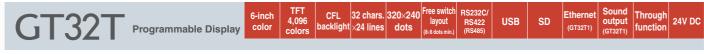
The isolated power supply enhances the reliability.

*1: Compared with GT30.

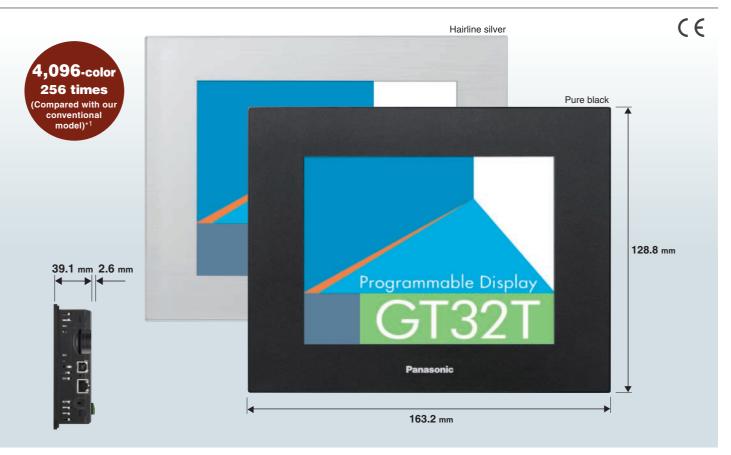
*2: Please use a commercially available AB type USB cable.

• GTWIN Ver. 2.8 or later is required to use GT32.

• The GT32M cannot display gradations.



More beautiful and expressive 4,096-color TFT LCD

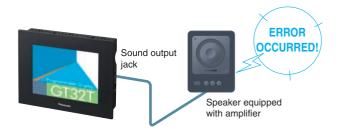


GT32T equipped with 4096-color TFT display and GT32M equipped with high-brightness long-life backlight

The TFT color type and monochrome type are available in the same size. GT32T0/GT32T1 is ideal for use with upscale equipment models or color-coded operation instructions. GT32M is ideal for equipment that needs to be simple, such as in-house equipment.

Sound output function (GT32T1)

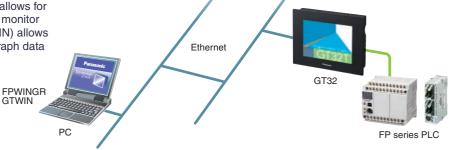
Audio information as well as visual and tactile information allows for more reliable control by operators.



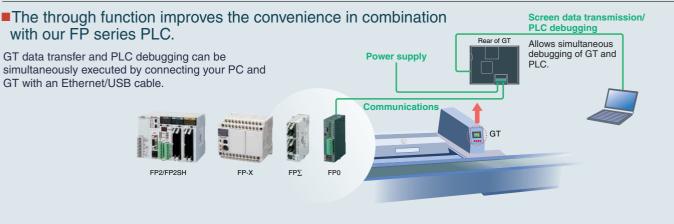
Ethernet connection (GT32T1)

GT32T1 supports Ethernet connection, allowing for the "through" function for our FP series PLC in a remote location.

GT32T1 supports Ethernet connection, which allows for program transfer to FP series and enables the monitor function. GT Memory Editor (attached to GTWIN) allows you to make alarm record data files and line graph data files, and edit internal memory.



Simple connection and maintenance



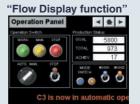
Great diversity and variety of use

The 6-inch screen provides a wide variety of display functions that improve the workability for operators.

"TrueType fonts"

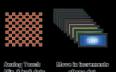
imes New Roman 20P Shadow inne Twae Fant 24/P Outlined Arial 28P Bold Underlined imes New Roman 32P Itali 1 40P Outlin

With the TrueType fonts, the screen can display up to 768 characters at a time (32 chars. x 24 lines) and therefore be used effectively



A flowing message of up to 64 characters (two-byte) can be displayed at the bottom of the screen. (128 messages)

"Analog-touch design"



You can freely position switches

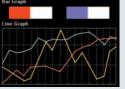
as small as 8 x 8 dots

"Alarm list"

LINE A2 Alarm	n History
18/12/05 10:02:34 RCV	
18/12/05 10:01:12 RCW	
18/12/05 10:59:35 ACK	VALVES OPEN.
(ATE/MI (ATE/ATE) TO	O WALKED OFFICE
INTERNET AND A DESCRIPTION	6 appendi femi men
18/12/05 09:58:17 ACK	
10/12/05 09:57:43 ACK	SECURITY COVER OPEN
16/12/18 18:41:42 181	is the set of the set

Alarm activation, check, and recovery can be recorded and displayed

"Graph function"



You can identify the production or operation status in line or bar graph form.

"Write Device function"



This function writes the PLC values or turns bits on/off according to the PLC status or the screen No

"Recipe function" arameter Setting



Settings by product item and other data (up to 3,600 words) can be transferred to PLC, simplifying PLC programming.

The language switching function facilitates PLC programming and screen switching.

Conventionally, screens were created for each language. With this new language switching function, data can be entered in all available languages for each part. The same screens can be created all at once, and ladder diagram creation is also easier. The character table (below picture) for switching the language display can be edited in Excel and imported.

Available languages English German French Spanish Japanese Simplified Traditional Korean Turkish Italian Chinese Chinese

Simplified Chinese Traditional Chinese Korean Japanese English 000 SW0 日本語 简体中国语 繁體中國語 한국머 English 안녕하 000 SW0 ありがとうございました Thank you 执列欢迎 請多指教 SW1 000 1 000 SW1 2 2 2 2

There are two types of communication [RS232C/RS422 (RS485)]. Connection with PLCs of a variety of manufacturers is possible. (Please refer to the compatible PLC list.)

The RS422 type can be connected at a maximum distance of 500m.

• The panel face protection sheet for GT32 is available as an option.

[•] To use the internal clock function, buy the dedicated battery (AFPX-BATT).

The user-friendly interface makes screen creation easier.



Multilingual menu screen

The menu can be indicated in Japanese/English/simplified Chinese/German/Italian/Spanish.



Simply drag and drop parts.

You can easily create screens by just dragging parts from the library and dropping them anywhere you want.



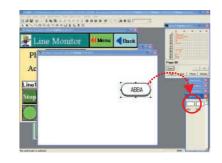
More user-friendly parts libraries

In the previous version, the required parts library had to be selected from the menu every time it was needed. The new version displays a list of parts libraries, making them more userfriendly.

	LPCY
rewurde rewurde rewurde rewurde rewurde re	
	LPD/Y
	D
PENPERE PENPERG PENPERG PENPERA PENPERA PEN	PERV
00000	0

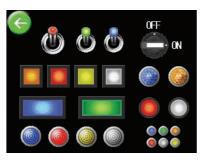
Just drag and drop your original parts to be registered.

You can also register your preset original parts easily by dragand-drop operations.



256-color 3D buttons (for GT21C/GT32T)

3D-design buttons with higher visibility and operability are available.



Screen copy in bitmap form

You can output screen images in bitmap form and use them in offthe-shelf applications. This is useful for preparing equipment operation manuals.

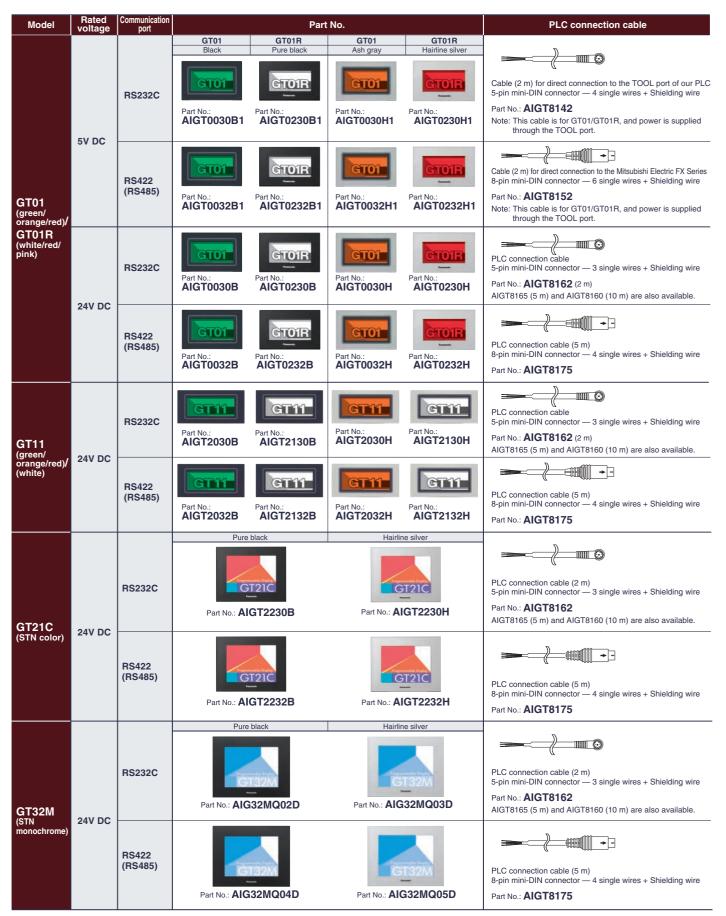
Firmware upgrading function (GT01/GT11/GT21C/GT32)

Before transferring screen data, tick "Automatic firmware update" to automatically upgrade the display if the display version is older than the firmware version in GTWIN. You can keep the firmware version upgraded by using the latest version of GTWIN.

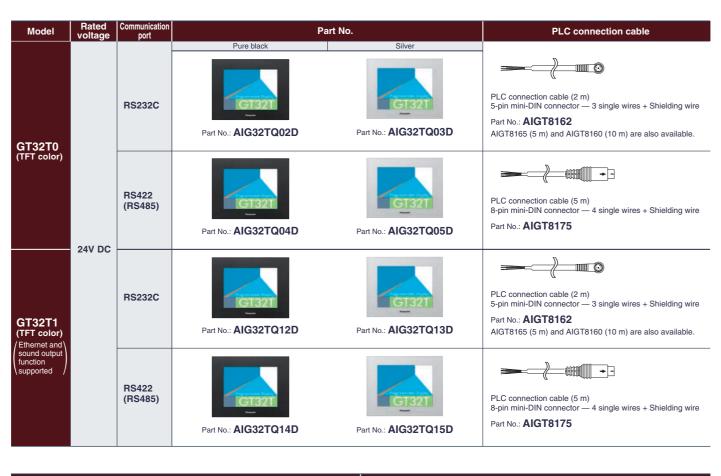
• GTWIN Ver. 2.8 is not compatible with Windows® 95, 98, Me or NT. For details, please contact our sales office.

You can download a trial version of GTWIN Ver. 2 from Automation Controls Business Unit Website. (Login as Web Members is required.) **GT**series

Part Number List



For connection, refer to the GT Series Technical Manual.



Screen data transmission cable (for DOS/V computers)	Terminal GTWIN Ver.2
9-pin D-SUB connector — 9-pin D-SUB connector — 5-pin mini-DIN connector (L type: 3 m) 9-pin mini-DIN connector (Straight type: 3 m) Part No.: AFC8503 Part No.: AFC8503S	
Tool port panel extension cable	English Version Tool Kit includes: Upgrade Version (English) GTWIN CD-ROM Upgrades Terminal GTWIN Ver. 1 to Ver. 2. GT Series Technical Manual (English Version) Part No.: AIGT8001V2R
	 Menus can be displayed in Japanese, English, Simplified Chinese, German, Italian, and Spanish. GTWIN Ver. 2.8 is not compatible with Windows[®] 95, 98, Me or NT. For details, please contact our sales office.

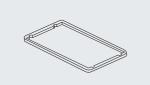
GTseries

Options



Panel face protection sheets
10 sheets in a set (option)

GT01	Part No .:	AIGT080
GT01R	Part No .:	AIGT080R
GT11	Part No.:	AIGT280
GT21	Part No .:	AIGT28021
GT32	Part No .:	AIG32800



Waterproof packing Waterproof packing (for replacement), 10 pieces in a set Package includes one set. One set is installed on main unit.

GT01, GT01R	Part No .:	AIGT081
GT11	Part No .:	AIGT281
GT21	Part No .:	AIGT28121
GT32	Part No .:	AIG32810



GT01/GT01R/GT11 mounting parts 5 sets of mounting parts (4 parts/set) Package includes one set.



GT21C/GT32 mounting parts 5 sets of GT21C/GT32 mounting parts (2 parts/set) Package includes one set.

Part No.: AIGT28321

Part No.: AIGT083



Spare connector COM. port connectors, 5 connectors in a set One piece is installed on main unit.

Part No.: AIGT084



• For GT11 and GT21C, please purchase a commercially available CR2032 battery.

Part No.: AFPX-BATT

Connection examples

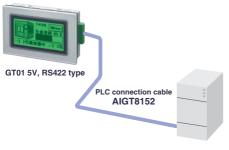
1. Connection with $FP\Sigma/FP0$



2. Distant connection with $\mbox{FP}\Sigma$



3. Connection with Mitsubishi Electric FX Series



Mitsubishi Electric FX Series

			GT01/GT01R/	GT11/GT21/GT32
Company	Series	Model	RS232C type	RS422 (RS485) type*2
		FP-X	0	0
		FP-Σ	0	0
Matsushita		FP-e	0	0
Electric Works	FP series			
		FP0	0	0
		FP2	0	0
		FP2SH	0	0
		FX0N	0	0
		FX1S	0	0
		FX1N	0	0
	FX series	FX1NC	0	0
		FX2N	0	0
		FX2NC	0	0
		FX3UC	0	0
		Q00CPU	0	
		Q01CPU	0	
		Q00JCPU	0	
		Q01CPU	0	
Mitsubishi Electric*1	Q series	Q00HCPU	0	
		Q25HCPU	0	
		Q12HCPU	0	
		Q06HCPU	0	
		Q02HCPU	0	
		Q02CPU	0	
		A1N	0	
		A2N	0	
		A3N	0	
	A series		0	
		A1S	-	
		A1SJ	0	
		A2SH	0	
		A1SH	0	
		A2CCPU24	0	
		C200H	0	
		C200HS	0	
		C500	0	
		C500F	0	
		C1000H	0	
		C2000	0	
		-	_	
		C2000H	0	
		C1000HF	0	
	- ·	C20H	0	
	C series	C28H	0	
		C40H	0	
		C120	0	
		C120F	0	
		CQM1-CPU42	0	
Omron*1		SRM1-C02	0	
		CPM2A	0	
		CPM1-20CDR-A	0	
		CQM1H-CPU21	0	
		CPM2C	0	
		CPM2B	0	
		C200HX-CPU85-Z	0	
		C200HX-CPU64	0	
			_	
		COOOLIV ODULAA	0	
		C200HX-CPU44		
	aseries	C200HX-CPU44 C200HE-CPU42	0	
	α series			
	α series	C200HE-CPU42	0	
	α series	C200HE-CPU42 C200HG-CPU63	0	

PLC Compatibility Models listed are the models that have been evaluated as of November, 2006.

			GT01/GT01R/G	T11/GT21/GT32
Company	Series	Model	RS232C type	RS422 (RS485) type*2
		CV500	0	
	CV series	CV1000	0	
		CVM1	0	
		CS1H-CPU67	0	
		S1H-CPU66	0	
		CS1H-CPU65	0	
		CS1H-CPU64	0	
Omron*1	CS1 series	CS1H-CPU63	0	
Onnon 1		CS1G-CPU45	0	
		CS1G-CPU44	0	
		CS1G-CPU43	0	
		CS1G-CPU42	0	
		CJ1H	0	
	CJ1 series	CJ1M	0	
		CJ1G	0	
	CP1 series	CP1H	0	
Toshiba Machine*1	TC mini series		O Models with RS232 port	O Models with RS485 port
		F3SP59-7S	0	
		F3SP58-6S	0	
		F3SP58-6H	0	
		F3SP53-4S	0	
		F3SP53-4H	0	
Yokogawa	FA-M3 series	F3SP38-6S	0	
Electric*1	FA-INI3 Series	F3SP38-6N	0	
		F3SP35-5N	0	
		F3SP28-3S	0	
		F3SP28-3N	0	
		F3SP25-2N	0	
		F3SP21-0N	0	
		KV-10/16/24/40	0	
KEYENCE*1	KV series	KV-700	0	0
		KV-1000	0	0
	MicroLogix series	MicroLogix1000	0	
ALLEN-BRADLEY*1 Models that support DF protocol		SLC-5/03	0	
DF protocol	SLC-5 series	SLC-5/04	0	
		CPU222	0	0
		CPU216	0	0
Siemens*1	S7-200 series	CPU215	0	0
		CPU214	0	0
		CPU212	0	0
		80S	0	
		2005	0	
LG*1	MASTER-K series	3005	0	
		1000S	0	
Modbus*1	Models that support RTU protocol	*3	0	0
General-purpose serial*1	MEW dedicated protocol	*3	0	0

*1. PLCs other than Matsushita Electric Works FP series may be limited in the type of device that can be used and addresses. Please see manual for details.

*2. Communication may not be possible when using RS485 depending on the sending and receiving timing with the other device.

*3. We cannot specify what other device you should use; therefore, please test it using the actual equipment before using.

◎: Direct connection is possible to the CPU unit of the PLC.

 Connection is possible using the communications unit or a signal conversion cable, etc. (Example: The QJ71C24N or QJ71C24N-R2 calculator link unit is required when using the Mitsubishi Q Series.)

imes : Connection is not possible

Blank: Not evaluated.

For details about devices and addresses that can be used, please refer to the GT Series Technical Manual "Connecting and Communicating with the PLCs". This manual can be downloaded from our site at http://www.mew.co.jp/ac/e/. (User registration is required before you can download.)

Specifications

		GT01 / GT01	R	GT11	GT21C	GT32M	GT32T0	GT	32T1		
l	ltem	5V/RS232C 5V/RS422 24V/RS	S232C 24V/RS422	RS232C RS422	RS232C RS422	RS232C RS422	RS232C RS422	RS232C	RS422		
Rated v	oltage	5 V DC			24 \	/ DC					
Operatin	g voltage range	4.5 to 5.5 V DC			21.6 to 2	6.4 V DC					
ower o	consumption	1W max. 1.1W max.	2W max.	2.4W max.	4.8W max.	10	W max.	12W	/ max.		
ower supply	y unit isolation method		-	_			Transformer isolatio	n			
Ambien	t temperature	0 to 50°C		0 to 50°C	0 to 50°C*1		0 to 50°C*2				
Ambien	t humidity			2	0 to 85% RH (No dew con	densation)					
Storage	e temperature				–20 to 60°C						
Storage	e humidity			1	0 to 85% RH (No dew con	densation)					
/ibratio	n resistance				10 to 55 Hz (1-minute o	• •					
	a cisto no c				75 mm, 10 minutes in eac		tions				
	esistance		1 000		n: 4 times in each of the X	,					
superposuppres	osed noise ssion			V [P-P] min, pulse width o /AIGT0030H1: When the fe			,	i			
Environ		IP65 (in the		Dust-proof and drip-proof f			, ,				
esistan		1 00 (11 116	s initial stages) i		ching the panel, replace th		tached to the parter con	act surface.)			
Mass		Approx. 160	a	Approx. 230 g	Approx. 330 g	Approx. 500 g	Approx. 470 g	Appro	ox. 480 g		
	olay device	STN monochrom	-	STN monochrome LCD	STN color LCD	STN monochrome LCI		color LCD			
	olution	128 (W) x 64 (H)		240 (W) x 96 (H) dots			240 (H) dots				
	play color	2 colors (black/v		2 colors (black/white)	256 colors	2 colors (blue/white)		96 colors			
2	layable area	70.38 (W) x 35.18	,	96.0 (W) x 38.4 (H) mm	98.0 (W) x 74.0 (H) mm	113.2 (W) x 86.4 (H) m) x 83.6 (H) mm	1		
	,	GT01: 3-color LED (green		3-color LED (green, orange, red)	White LED backlight		CFL	, , ,			
Bac	klight	GT01R: 3-color LED (wh		/White LED *No need for replacement	*No need for replacement	[Average life; GT32N	1: 75,000 hours (25°C), G	132T: 50,000 hou	urs (25°C)]		
Eon	t turnoo	*No need for replace		· ·	C data Charactera con ha				. ,,		
Fon	t types	TrueTyp	e (GTWIN): 10,): 8 x 8, 16 x 8, and 16 x 1 12, 14, 16, 24, 26, 28, 32,	36, 48, and 64 Windows (aispiayed in the 1, 2, 4, 0 R): 10, 12, 14, 16, 18, 20	r 8 times width or height , 22, 24, 26, 28, 32, 36, 4	18, and 64			
Lan	guages		Japanese,	English, Korean, German,	French, Spanish, Italian, S	implified Chinese, Tradit	ional Chinese, Turkish				
Gra	phics	Japanese, English, Korean, German, French, Spanish, Italian, Simplified Chinese, Traditional Chinese, Turkish Straight lines, continuous straight lines, squares, circles, ovals, arcs, elliptic arcs, fan shapes, elliptic fan shapes, beveled squares, bitmaps									
Num	ber of screens										
Scr	een No.										
		Base screens: No. 0 to 3FF, Keyboard screens: No. 0 to 7									
	can be set			Base scree	ns: No. 0 to 3FF, Keyboard	d screens: No. 0 to 7					
	t functions	Messages, lamps, switches, c clocks (*), keyboards, and			ns: No. 0 to 3FF, Keyboard s, lamps, switches, data, b		ards, line graphs, and al	arm list parts			
Part	t functions	clocks (*), keyboards, and Recipe, flow display, w	d line graphs vrite device,	Message	s, lamps, switches, data, b	ar graphs, clocks, keybc		arm list parts			
Parl Oth	t functions er functions	clocks (*), keyboards, and Recipe, flow display, w and language swi	d line graphs vrite device, itching	Message Recipe, flow	s, lamps, switches, data, b display, write device, alarm r	ar graphs, clocks, keybo	age switching	Sound o	•		
Parl Oth	t functions	clocks (*), keyboards, and Recipe, flow display, w	d line graphs vrite device, itching rnal clock data.	Message Recipe, flow	s, lamps, switches, data, b	ar graphs, clocks, keybo	age switching	Sound o	•		
Oth Close	t functions er functions	clocks (*), keyboards, and Recipe, flow display, w and language swi Refers to and displays exter	d line graphs write device, itching rnal clock data. clock function.)	Message Recipe, flow	is, lamps, switches, data, b display, write device, alarm r in clock function. (Can also	ar graphs, clocks, keybo	age switching _C clock.) *Buy a comme	Sound o	•		
Other Close	t functions er functions ck function trast adjustment omatic commu-	clocks (*), keyboards, and Recipe, flow display, w and language swi Refers to and displays exter	d line graphs vrite device, itching rnal clock data. clock function.) Contras	Message Recipe, flow Provided with a built-	s, lamps, switches, data, b display, write device, alarm r in clock function. (Can also the touch panel.	ecord, alarm list, and langu refer to and display a P	age switching _C clock.) *Buy a comme	Sound or sou	•		
Parl Parl Oth Clou	t functions er functions ck function trast adjustment omatic commu- tion settings	clocks (*), keyboards, and Recipe, flow display, w and language swi Refers to and displays exter	d line graphs vrite device, itching rnal clock data. clock function.) Contras The commu	Message Recipe, flow Provided with a built- it can be adjusted by using unication conditions of ded	s, lamps, switches, data, t display, write device, alarm r in clock function. (Can also the touch panel. icated software and PLC c	ecord, alarm list, and langu refer to and display a P an be automatically set b	age switching _C clock.) *Buy a comme Not y connecting a cable.	Sound or sou	•		
Part Oth Clou Con Auto nica Deb	t functions er functions ck function trast adjustment omatic commu-	clocks (*), keyboards, and Recipe, flow display, w and language swi Refers to and displays exter (Not provided with a built-in	d line graphs vrite device, itching rnal clock data. clock function.) Contras The commu GT connect	Message Recipe, flow Provided with a built- it can be adjusted by using unication conditions of ded ted between a PC and PLC	s, lamps, switches, data, t display, write device, alarm r in clock function. (Can also the touch panel. icated software and PLC c c allows the PLC to be deb	ecord, alarm list, and langu refer to and display a P an be automatically set b	age switching _C clock.) *Buy a comme Not y connecting a cable.	Sound or sou	•		
Parl Parl Oth Clou Auto nica Deb	t functions er functions ck function trast adjustment matic commu- tion settings ugging function een creation	clocks (*), keyboards, and Recipe, flow display, w and language swi Refers to and displays exter	d line graphs vrite device, itching rnal clock data. clock function.) Contras The commu GT connect	Message Recipe, flow Provided with a built- it can be adjusted by using unication conditions of ded ted between a PC and PLC	s, lamps, switches, data, t display, write device, alarm r in clock function. (Can also the touch panel. icated software and PLC c C allows the PLC to be deb or later)/98/Me/2000/NT/XP	ecord, alarm list, and langu refer to and display a P an be automatically set b ugged without a direct co	age switching _C clock.) *Buy a commeNot y connecting a cable. ponnection with the PC.	Sound or sou	•		
Part Oth Clou Con Auto nica Deb Scr	t functions er functions ck function trast adjustment matic commu- tion settings ugging function	clocks (*), keyboards, and Recipe, flow display, w and language swi Refers to and displays exter (Not provided with a built-in	d line graphs vrite device, itching rnal clock data. clock function.) Contras The commu GT connect	Message Recipe, flow Provided with a built- it can be adjusted by using unication conditions of ded ted between a PC and PLC	s, lamps, switches, data, t display, write device, alarm r in clock function. (Can also the touch panel. icated software and PLC c c allows the PLC to be deb	ecord, alarm list, and langu ecord, alarm list, and langu prefer to and display a P an be automatically set b ugged without a direct co hin)	age switching _C clock.) *Buy a commeNot y connecting a cable. ponnection with the PC.	Sound or sou	•		
Part Oth Clou Con Auto nica Deb Scr Fouch k	t functions er functions ck function trast adjustment matic commu- tion settings ugging function een creation key resolution y operation force	clocks (*), keyboards, and Recipe, flow display, w and language swi Refers to and displays exter (Not provided with a built-in Dedicated software should be	d line graphs vrite device, itching rnal clock data. clock function.) Contras The commu GT connect	Message Recipe, flow Provided with a built- et can be adjusted by using unication conditions of ded ted between a PC and PLC a OS: Windows® 95 (OSR2 of	s, lamps, switches, data, t display, write device, alarm r in clock function. (Can also the touch panel. icated software and PLC c C allows the PLC to be deb or later)/98/Me/2000/NT/XP	ecord, alarm list, and langu ecord, alarm list, and langu prefer to and display a P an be automatically set b ugged without a direct c hin)	age switching _C clock.) *Buy a comme 	Sound or sou	•		
Part Oth Clou Con Auto nica Deb Scr Fouch ke	t functions er functions ck function trast adjustment omatic commu- tion settings ugging function een creation key resolution y operation force cey life Communication	clocks (*), keyboards, and Recipe, flow display, w and language swi Refers to and displays exter (Not provided with a built-in Dedicated software should be 0.5 N max Conforms Conforms Conforms	d line graphs vrite device, itching rnal clock data. clock function.) Contras The commu GT connect e used. Applicable	Message Recipe, flow Provided with a built- t can be adjusted by using unication conditions of ded ted between a PC and PLC e OS: Windows® 95 (OSR2 of 0.5 N max	s, lamps, switches, data, b display, write device, alarm r in clock function. (Can also the touch panel. icated software and PLC c C allows the PLC to be deb or later)/98/Me/2000/NT/XP Free layout (8 dots n 1 million operations r Conforms Conforms	ecord, alarm list, and langu o refer to and display a P an be automatically set b ugged without a direct c inin) 0.8 nin Conforms Conforms	age switching _C clock.) *Buy a comme y connecting a cable. onnection with the PC. 2000/XP N max. Conforms Conform	Sound o prcially available adjustable s Conforms	battery.		
Part Oth Clou Con Auto nica Deb Scr Fouch k	t functions er functions ck function trast adjustment omatic commu- tion settings ugging function een creation key resolution y operation force key life	clocks (*), keyboards, and Recipe, flow display, w and language swi Refers to and displays exter (Not provided with a built-in Dedicated software should be 0.5 N max	d line graphs vrite device, itching rnal clock data. clock function.) Contras The commu GT connect e used. Applicable	Message Recipe, flow Provided with a built- it can be adjusted by using unication conditions of ded ted between a PC and PLC a OS: Windows® 95 (OSR2) 0.5 N max 0.5 N max Conforms to RS232C	s, lamps, switches, data, b display, write device, alarm r in clock function. (Can also the touch panel. icated software and PLC c C allows the PLC to be deb or later)/98/Me/2000/NT/XP Free layout (8 dots n 1 million operations i Conforms to RS232C to RS422	ecord, alarm list, and langu ecord, alarm list, and langu o refer to and display a P an be automatically set b ugged without a direct c ugged without a direct c nin) 0.8 nin Conforms to RS232C to RS422	age switching _C clock.) *Buy a comme y connecting a cable. ponnection with the PC. 2000/XP N max.	Sound o prcially available adjustable s Conforms	battery.		
Part Oth Clou Con Auto nica Deb Scri Touch k	t functions er functions ck function trast adjustment omatic commu- tion settings ugging function een creation een creation eey resolution y operation force cey life Communication standard	clocks (*), keyboards, and Recipe, flow display, w and language swi Refers to and displays exter (Not provided with a built-in Dedicated software should be 0.5 N max Conforms Conforms Conforms	d line graphs vrite device, itching rnal clock data. clock function.) Contras The commu GT connect e used. Applicable	Message Recipe, flow Provided with a built- it can be adjusted by using unication conditions of ded ted between a PC and PLC a OS: Windows® 95 (OSR2) 0.5 N max 0.5 N max Conforms to RS232C	s, lamps, switches, data, b display, write device, alarm r in clock function. (Can also the touch panel. icated software and PLC c C allows the PLC to be deb or later)/98/Me/2000/NT/XP Free layout (8 dots n 1 million operations r Conforms Conforms	ecord, alarm list, and langu ecord, alarm list, and langu o refer to and display a P an be automatically set b ugged without a direct c ugged without a direct c nin) 0.8 nin Conforms to RS232C to RS422	age switching _C clock.) *Buy a comme y connecting a cable. onnection with the PC. 2000/XP N max. Conforms Conform	Sound o prcially available adjustable s Conforms	battery.		
Part Oth Clou Con Auto nica Deb Scr Fouch ke	t functions er functions ck function trast adjustment omatic commu- tion settings ugging function een creation key resolution y operation force evy life Communication standard External	clocks (*), keyboards, and Recipe, flow display, w and language swi Refers to and displays exter (Not provided with a built-in Dedicated software should be 0.5 N max Conforms Conforms Conforms	d line graphs vrite device, itching rnal clock data. clock function.) Contras The commu GT connect e used. Applicable	Message Recipe, flow Provided with a built- it can be adjusted by using unication conditions of ded ted between a PC and PLC a OS: Windows® 95 (OSR2) 0.5 N max 0.5 N max Conforms to RS232C	s, lamps, switches, data, b display, write device, alarm r in clock function. (Can also the touch panel. icated software and PLC c 2 allows the PLC to be deb or later)/98/Me/2000/NT/XP Free layout (8 dots n 1 million operations 1 Conforms Conforms to RS422 e: 9,600/19,200/38,400/57	ecord, alarm list, and langu ecord, alarm list, and langu orefer to and display a P an be automatically set b ugged without a direct or inin Conforms Conforms to RS232C to RS422 ,600/115,200 bps	age switching _C clock.) *Buy a comme y connecting a cable. onnection with the PC. 2000/XP N max. Conforms Conform	Sound o prcially available adjustable s Conforms	battery.		
Part Part Clou Con Autonica Deb Scr Fouch ke Fouch ke	t functions er functions ck function trast adjustment omatic commu- tion settings ugging function een creation een creation eey resolution y operation force cey life Communication standard	clocks (*), keyboards, and Recipe, flow display, w and language swi Refers to and displays exter (Not provided with a built-in Dedicated software should be 0.5 N max Conforms Conforms Conforms	d line graphs vrite device, itching rnal clock data. clock function.) Contras The commu GT connect e used. Applicable	Message Recipe, flow Provided with a built- it can be adjusted by using unication conditions of ded ted between a PC and PLC a OS: Windows® 95 (OSR2) 0.5 N max 0.5 N max Conforms to RS232C	s, lamps, switches, data, b display, write device, alarm r in clock function. (Can also the touch panel. icated software and PLC c C allows the PLC to be deb or later)/98/Me/2000/NT/XP Free layout (8 dots n 1 million operations i Conforms to RS232C to RS422	ecord, alarm list, and langu ecord, alarm list, and langu or refer to and display a P an be automatically set b ugged without a direct or inin) 0.8 min Conforms to RS232C to RS422 ,600/115,200 bps	age switching _C clock.) *Buy a comme y connecting a cable. onnection with the PC. 2000/XP N max. Conforms Conform	Sound o prcially available adjustable s Conforms	battery.		
Part Part Clou Con Autonica Deb Scr Fouch ke Fouch ke	t functions er functions ck function trast adjustment matic commu- tion settings ugging function een creation cey resolution y operation force cey life Communication standard External communication	clocks (*), keyboards, and Recipe, flow display, w and language swi Refers to and displays exter (Not provided with a built-in Dedicated software should be 0.5 N max Conforms Conforms Conforms	d line graphs vrite device, itching rnal clock data. clock function.) Contras The commu GT connect e used. Applicable	Message Recipe, flow Provided with a built- it can be adjusted by using unication conditions of ded ted between a PC and PLC a OS: Windows® 95 (OSR2) 0.5 N max 0.5 N max Conforms to RS232C	s, lamps, switches, data, b display, write device, alarm r in clock function. (Can also the touch panel. icated software and PLC c 2 allows the PLC to be deb or later)/98/Me/2000/NT/XP Free layout (8 dots n 1 million operations i Conforms Conforms to RS232C to RS422 e: 9,600/19,200/38,400/57 Data bits: 7 or 8 bi	ecord, alarm list, and langu ecord, alarm list, and langu or refer to and display a P an be automatically set b ugged without a direct or inin) 0.8 min Conforms to RS232C to RS422 ,600/115,200 bps	age switching _C clock.) *Buy a comme y connecting a cable. onnection with the PC. 2000/XP N max. Conforms Conform	Sound o prcially available adjustable s Conforms	battery.		
Part Part Cloi Con Auturica Deb Souch kei Fouch k	t functions er functions ck function trast adjustment matic commu- tion settings ugging function een creation cey resolution y operation force cey life Communication standard External communication	clocks (*), keyboards, and Recipe, flow display, w and language swi Refers to and displays exter (Not provided with a built-in Dedicated software should be 0.5 N max Conforms Conforms Conforms	d line graphs vrite device, itching rnal clock data. clock function.) Contras The commu GT connect e used. Applicable	Message Recipe, flow Provided with a built- it can be adjusted by using unication conditions of ded ted between a PC and PLC a OS: Windows® 95 (OSR2) 0.5 N max 0.5 N max Conforms to RS232C	s, lamps, switches, data, b display, write device, alarm r in clock function. (Can also the touch panel. icated software and PLC c c allows the PLC to be deb or later)/98/Me/2000/NT/XP Free layout (8 dots n 1 million operations i Conforms to RS222 e: 9,600/19,200/38,400/57 Data bits: 7 or 8 bi Parity: None, Odd, E	ecord, alarm list, and langu ecord, alarm list, and langu or refer to and display a P an be automatically set b ugged without a direct or inin) 0.8 min Conforms to RS232C to RS422 ,600/115,200 bps	age switching _C clock.) *Buy a comme y connecting a cable. onnection with the PC. 2000/XP N max. Conforms Conform	Sound o prcially available adjustable s Conforms	battery.		
COM.	t functions er functions ck function trast adjustment matic commu- tion settings ugging function een creation cey resolution y operation force cey life Communication standard External communication	clocks (*), keyboards, and Recipe, flow display, w and language swi Refers to and displays exter (Not provided with a built-in Dedicated software should be 0.5 N max Conforms Conforms Confor to RS232C to RS422 to RS4	d line graphs vrite device, itching rnal clock data. clock function.) Contras The commu GT connect used. Applicable gased to RS422	Message Recipe, flow Provided with a built- it can be adjusted by using unication conditions of ded ted between a PC and PLC a OS: Windows® 95 (OSR2 0.5 N max 0.5 N max Conforms to RS232C	s, lamps, switches, data, b display, write device, alarm r in clock function. (Can also the touch panel. cated software and PLC c c allows the PLC to be deb or later)/98/Me/2000/NT/XP Free layout (8 dots n 1 million operations i Conforms to RS232C to RS422 e: 9,600/19,200/38,400/57 Data bits: 7 or 8 bi Parity: None, Odd, E Stop bits: 1 bit	ecord, alarm list, and langue ecord, alarm list, and lis	age switching _C clock.) *Buy a comme _C clock.) *Buy a comme	Sound o rcially available adjustable s Conforms 2 to RS232C	Conform to RS42		
COM.	t functions er functions ck function trast adjustment omatic commu- tion settings ugging function een creation key resolution y operation force tey life Communication standard External communication conditions Protocol	clocks (*), keyboards, and Recipe, flow display, w and language swi Refers to and displays exter (Not provided with a built-in Dedicated software should be 0.5 N max Conforms Conforms Confor to RS232C to RS422 to RS4	d line graphs vrite device, itching rnal clock data. clock function.) Contras The commu GT connect used. Applicable gased to RS422	Message Recipe, flow Provided with a built- it can be adjusted by using unication conditions of ded ted between a PC and PLC a OS: Windows® 95 (OSR2 of 0.5 N max 0.5 N max Conforms to RS232C to RS422 Baud rat	s, lamps, switches, data, b display, write device, alarm r in clock function. (Can also the touch panel. icated software and PLC c 2 allows the PLC to be deb or later)/98/Me/2000/NT/XP Free layout (8 dots n 1 million operations to Conforms Conforms to RS232C to RS422 e: 9,600/19,200/38,400/57 Data bits: 7 or 8 bi Parity: None, Odd, E Stop bits: 1 bit	ecord, alarm list, and langu ecord, alarm list, and langu orefer to and display a P an be automatically set b ugged without a direct or inin Conforms Conforms to RS232C to RS422 ,600/115,200 bps is ven	age switching _C clock.) *Buy a comme _C clock.) *Buy a comme	Sound o rcially available adjustable s Conforms 2 to RS232C	Conform to RS42		
Part Part Clou Con Autonica Deb Scr Fouch ke Fouch ke	t functions er functions ck function trast adjustment matic commu- tion settings ugging function een creation y operation force texp life Communication standard External communication conditions Protocol Connector Communication	clocks (*), keyboards, and Recipe, flow display, w and language swi Refers to and displays exter (Not provided with a built-in Dedicated software should be 0.5 N max Conforms Conforms Conforts to RS232C to RS422 to RS2 Our FP series supported	d line graphs vrite device, itching rnal clock data. clock function.) Contras The commu GT connect a used. Applicable orms 232C to RS422	Message Recipe, flow Provided with a built- t can be adjusted by using unication conditions of ded ted between a PC and PLC e OS: Windows® 95 (OSR2 of 0.5 N max Conforms to RS232C Baud rat	s, lamps, switches, data, b display, write device, alarm r in clock function. (Can also the touch panel. cated software and PLC c c allows the PLC to be deb or later)/98/Me/2000/NT/XP Free layout (8 dots n 1 million operations i Conforms to RS232C to RS422 e: 9,600/19,200/38,400/57 Data bits: 7 or 8 bi Parity: None, Odd, E Stop bits: 1 bit	ecord, alarm list, and langu ecord, alarm list, and langu orefer to and display a P an be automatically set b ugged without a direct or inin Conforms Conforms to RS232C to RS422 ,600/115,200 bps is ven	age switching C clock.) *Buy a comme y connecting a cable. Onnection with the PC. 2000/XP N max. Conforms Conforms to RS232C to RS42 compatible PLC list for maxe	Sound o rcially available adjustable s Conforms 2 to RS232C	Conform to RS42		
Part Oth Clou Con Auto nica Deb Scr Fouch ke	t functions er functions ck function trast adjustment matic commu- tion settings ugging function een creation cey resolution y operation force rey life Communication standard External communication conditions Protocol Connector	clocks (*), keyboards, and Recipe, flow display, w and language swi Refers to and displays exter (Not provided with a built-in Dedicated software should be 0.5 N max Conforms Conforms Confo to RS232C to RS422 to RS4 Our FP series supported	d line graphs vrite device, itching rnal clock data. clock function.) Contras The commu GT connect used. Applicable used. Applicable corms 232C to RS422	Message Recipe, flow Provided with a built- tcan be adjusted by using unication conditions of ded ted between a PC and PLC a OS: Windows® 95 (OSR2 of 0.5 N max Conforms to RS232C Baud rat see serial interface support prms to RS232C)	s, lamps, switches, data, b display, write device, alarm r in clock function. (Can also the touch panel. icated software and PLC c 2 allows the PLC to be deb or later)/98/Me/2000/NT/XP Free layout (8 dots n 1 million operations to Conforms Conforms to RS232C to RS422 e: 9,600/19,200/38,400/57 Data bits: 7 or 8 bi Parity: None, Odd, E Stop bits: 1 bit	ecord, alarm list, and langu ecord, alarm list, and langu orefer to and display a P an be automatically set b ugged without a direct or inin Conforms Conforms to RS232C to RS422 ,600/115,200 bps is ven	age switching _C clock.) *Buy a comme _C clock.) *Buy a comme	Sound o rcially available adjustable s Conforms 2 to RS232C	Conform to RS42		
COM.	t functions er functions ck function trast adjustment omatic commu- tion settings ugging function een creation cey resolution y operation force (ey life Communication standard External communication conditions Protocol Connector Communication Communicati	clocks (*), keyboards, and Recipe, flow display, w and language swi Refers to and displays exter (Not provided with a built-in Dedicated software should be 0.5 N max Conforms Conforms Confo to RS232C to RS422 to RS4 Our FP series supported	d line graphs vrite device, itching mal clock data. clock function.) Contras The commu GT connect e used. Applicable orms 232C to RS422 d/General-purpo Tool port (Confor	Message Recipe, flow Provided with a built- t can be adjusted by using unication conditions of ded ted between a PC and PLC a OS: Windows® 95 (OSR2 0.5 N max Conforms Conforms to RS232C Baud rat ses serial interface support prims to RS232C) 0/115,200/230,400 bps*5	s, lamps, switches, data, b display, write device, alarm r in clock function. (Can also the touch panel. icated software and PLC c 2 allows the PLC to be deb or later)/98/Me/2000/NT/XP Free layout (8 dots n 1 million operations to Conforms Conforms to RS232C to RS422 e: 9,600/19,200/38,400/57 Data bits: 7 or 8 bi Parity: None, Odd, E Stop bits: 1 bit	ecord, alarm list, and langu ecord, alarm list, and langu orefer to and display a P an be automatically set b ugged without a direct or inin Conforms Conforms to RS232C to RS422 ,600/115,200 bps is ven	age switching C clock.) *Buy a comme y connecting a cable. Onnection with the PC. 2000/XP N max. Conforms Conforms to RS232C to RS42 compatible PLC list for maxe	Sound o rcially available adjustable s Conforms 2 to RS232C	Conform to RS42		
Part Oth Clou Con Autca Deb Scr Touch k Fouch ke COM. Port	t functions er functions ck function trast adjustment matic commu- tion settings ugging function een creation een creation (communication standard External communication conditions Protocol Connector Communication standard	clocks (*), keyboards, and Recipe, flow display, w and language swi Refers to and displays exter (Not provided with a built-in Dedicated software should be 0.5 N max Conforms Conforms Confo to RS232C to RS422 to RS4 Our FP series supported	d line graphs vrite device, itching rnal clock data. clock function.) Contras The commu GT connect a used. Applicable orms Conforms 232C to RS422 d/General-purpo Tool port (Confort te: 9,600/19,200 Data bi	Message Recipe, flow Provided with a built- t can be adjusted by using unication conditions of ded ted between a PC and PLC e OS: Windows® 95 (OSR2 of 0.5 N max Conforms Conforms to RS232C Baud rat ses serial interface support porms to RS232C) D/115,200/230,400 bps*5 ts: 8 bits	s, lamps, switches, data, b display, write device, alarm r in clock function. (Can also the touch panel. icated software and PLC c 2 allows the PLC to be deb or later)/98/Me/2000/NT/XP Free layout (8 dots n 1 million operations to Conforms Conforms to RS232C to RS422 e: 9,600/19,200/38,400/57 Data bits: 7 or 8 bi Parity: None, Odd, E Stop bits: 1 bit	ecord, alarm list, and langu ecord, alarm list, and langu orefer to and display a P an be automatically set b ugged without a direct or inin Conforms Conforms to RS232C to RS422 ,600/115,200 bps is ven	age switching C clock.) *Buy a comme y connecting a cable. Onnection with the PC. 2000/XP N max. Conforms Conforms to RS232C to RS42 compatible PLC list for maxe	Sound o rcially available adjustable s Conforms 2 to RS232C	Conform to RS42		
COM. COM. COM. Port	t functions er functions ck function trast adjustment matic commu- tion settings ugging function een creation een creation (ey resolution y operation force (ey life Communication standard External communication conditions Protocol Connector Communication standard Communication standard Communication computers	clocks (*), keyboards, and Recipe, flow display, w and language swi Refers to and displays exter (Not provided with a built-in Dedicated software should be 0.5 N max Conforms Conforms Confo to RS232C to RS422 to RS4 Our FP series supported	d line graphs vrite device, itching rnal clock data. clock function.) Contras The commu GT connect e used. Applicable orms Conforms 232C to RS422 d/General-purpo Tool port (Confor te: 9,600/19,200 Data bi Parity: Non	Message Recipe, flow Provided with a built- it can be adjusted by using unication conditions of ded ted between a PC and PLC e OS: Windows® 95 (OSR2 of 0.5 N max Conforms to RS232C to RS422 Baud rat see serial interface support corms to RS232C) D/115,200/230,400 bps*5 ts: 8 bits e, Odd, Even	s, lamps, switches, data, b display, write device, alarm r in clock function. (Can also the touch panel. icated software and PLC c 2 allows the PLC to be deb or later)/98/Me/2000/NT/XP Free layout (8 dots n 1 million operations to Conforms Conforms to RS232C to RS422 e: 9,600/19,200/38,400/57 Data bits: 7 or 8 bi Parity: None, Odd, E Stop bits: 1 bit	ecord, alarm list, and langu ecord, alarm list, and langu orefer to and display a P an be automatically set b ugged without a direct or inin Conforms Conforms to RS232C to RS422 ,600/115,200 bps is ven	age switching C clock.) *Buy a comme y connecting a cable. Onnection with the PC. 2000/XP N max. Conforms Conforms to RS232C to RS42 compatible PLC list for maxe	Sound o rcially available adjustable s Conforms 2 to RS232C	Conform to RS42		
COM. COM. Port	t functions er functions ck function trast adjustment matic commu- tion settings ugging function een creation (cy resolution y operation force (cy resolution) y operation force (cy resolution) extranal (communication conditions) Protocol Connector Communication standard C	clocks (*), keyboards, and Recipe, flow display, w and language swi Refers to and displays exter (Not provided with a built-in Dedicated software should be 0.5 N max Conforms Conforms Confo to RS232C to RS422 to RS4 Our FP series supported	d line graphs vrite device, itching rnal clock data. clock function.) Contras The commu GT connect e used. Applicable orms Conforms 232C to RS422 d/General-purpo Tool port (Confor te: 9,600/19,200 Data bi Parity: Non	Message Recipe, flow Provided with a built- t can be adjusted by using unication conditions of ded ted between a PC and PLC e OS: Windows® 95 (OSR2 of 0.5 N max Conforms Conforms to RS232C Baud rat see serial interface support porms to RS232C) D/115,200/230,400 bps*5 ts: 8 bits	s, lamps, switches, data, b display, write device, alarm r in clock function. (Can also the touch panel. cated software and PLC c c allows the PLC to be deb or later)/98/Me/2000/NT/XP Free layout (8 dots n 1 million operations i Conforms to RS232C to RS422 e: 9,600/19,200/38,400/57 Data bits: 7 or 8 bi Parity: None, Odd, E Stop bits: 1 bit ed/Other companies' PLC Connector terminal base	ecord, alarm list, and langu ecord, alarm list, and langu prefer to and display a P an be automatically set b ugged without a direct or ugged without a direct or ugged without a direct or conforms to RS232C to RS422 ,600/115,200 bps is ven supported (Refer to the or (8 pins)	age switching C clock.) *Buy a comme y connecting a cable. Onnection with the PC. 2000/XP N max. Conforms Conforms to RS232C to RS42 compatible PLC list for maxe	Sound o rcially available adjustable s Conforms 2 to RS232C	Conform to RS42		
2 Oth Oth Cloi Con Auturnica Screen data couch k	t functions er functions ck function trast adjustment matic commu- tion settings ugging function een creation een creation (ey resolution y operation force (ey life Communication standard External communication conditions Protocol Connector Communication standard Communication standard Communication computers	clocks (*), keyboards, and Recipe, flow display, w and language swi Refers to and displays exter (Not provided with a built-in Dedicated software should be 0.5 N max Conforms Conforms Confo to RS232C to RS422 to RS4 Our FP series supported	d line graphs vrite device, itching rnal clock data. clock function.) Contras The commu GT connect e used. Applicable orms 232C to RS422 t/General-purpo Tool port (Confor te: 9,600/19,200 Data bi Parity: Non Stop b	Message Recipe, flow Provided with a built- it can be adjusted by using unication conditions of ded ted between a PC and PLC e OS: Windows® 95 (OSR2 of 0.5 N max Conforms to RS232C to RS422 Baud rat see serial interface support corms to RS232C) D/115,200/230,400 bps*5 ts: 8 bits e, Odd, Even	s, lamps, switches, data, b display, write device, alarm r in clock function. (Can also the touch panel. icated software and PLC c 2 allows the PLC to be deb or later)/98/Me/2000/NT/XP Free layout (8 dots n 1 million operations to Conforms Conforms to RS232C to RS422 e: 9,600/19,200/38,400/57 Data bits: 7 or 8 bi Parity: None, Odd, E Stop bits: 1 bit	ecord, alarm list, and langu ecord, alarm list, and langu prefer to and display a P an be automatically set b ugged without a direct or ugged without a direct or ugged without a direct or conforms to RS232C to RS422 ,600/115,200 bps is ven supported (Refer to the or (8 pins)	age switching C clock.) *Buy a comme y connecting a cable. Onnection with the PC. 2000/XP N max. Conforms Conforms to RS232C to RS42 compatible PLC list for maxe	Sound o rcially available adjustable s Conforms 2 to RS232C	Conform to RS422		

*1. When the unit is being installed in a horizontal orientation or FP programmer II is being connected to the TOOL port, the usable range is 0 to +45°C.
*2. When the unit is being installed in a horizontal orientation, the usable range is 0 to +40°C.
*3. The number of screens that can be registered varies according to the registered contents.
*4. WAV format (PCM, 8-KHz sampling rate, 16 bits, mono), Maximum sound data capacity: 512 KB (approx. 30 sec), Maximum registrable number of sound data items: 128
*5. A USB/RS232C conversion cable should be used to achieve a communication speed of 230,400 bps. When the TOOL port of GT is set to 230,400 bps, the auto communication setting function of GTWIN cannot be used. Set the communication speed to 230,400 bps on GTWIN before transferring data.
*6. The unit caries out serial communication data processing at 115.2kbits/s.
*7. Communications with external equipment (PLC) are not available.
*8. Simultaneous USB and Ethernet communications are not possible.

Conformance to the UL/cUL standards

UL file No. E96300	UL Standard No. UL508
--------------------	-----------------------

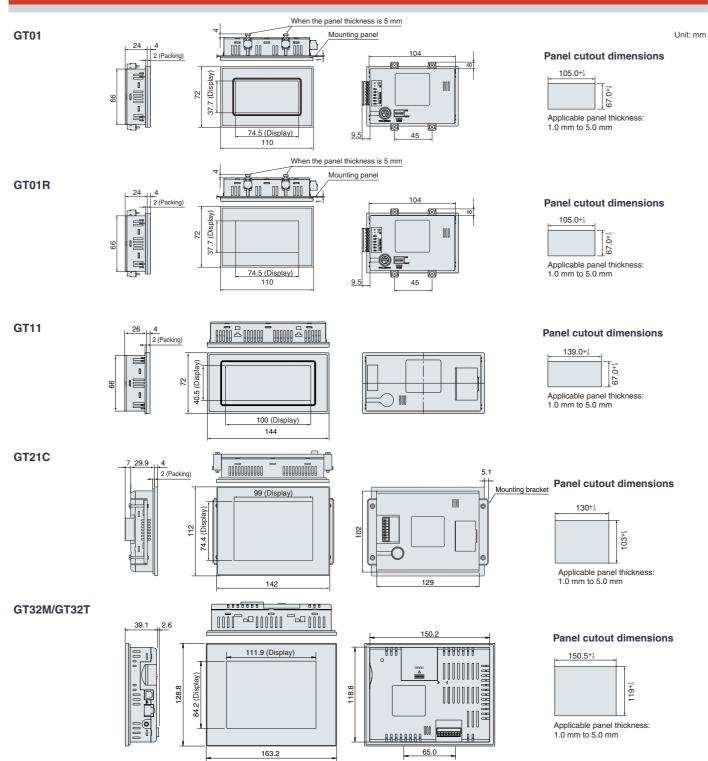
Memory

Screen data and GTWIN configuration setting data

Item	GT01/GT01R	GT11	GT21C	GT32M	GT32T
User's memory	F-ROM	F-ROM	F-ROM	F-ROM	F-ROM
Memory capacity	384 Kbyte	1.375 Mbyte	6.5 Mbyte	2,048 Kbyte	10,176 Kbyte
Clock data, PLC devic	e storage data (24 words max.) and Alarm r	ecord data			

Item	GT01	GT11	GT21C	GT32M	GT32T
Memory	-	SRAM		SRAM	
Memory backup	-	Lithium battery (replaceable) CR2032, commercially available *Not included. Buy it separately.		Lithium battery (replaceable) AFPX-BATT *Not included. Buy it separately.	

Dimensions



* The above drawing shows GT32T1. GT32T0 and GT32M do not have an Ethernet port and sound output jack. The display area of GT32M is 116.2 x 87.4 mm.

• Windows and Windows NT are registered trademarks of Microsoft Corporation in the United States and/or other countries.

• All other company names and product names are trademarks or registered trademarks of their respective owners.

These materials are printed on ECF pulp. These materials are printed with earth-friendly vegetable-based (soybean oil) ink.



Please contact

Matsushita Electric Works, Ltd.

Automation Controls Business Unit

Head Office: 1048, Kadoma, Kadoma-shi, Osaka 571-8686, Japan
 Telephone: +81-6-6908-1050
 Facsimile: +81-6-6908-5781

http://www.mew.co.jp/ac/e



All Rights Reserved © 2006 COPYRIGHT Matsushita Electric Works, Ltd.